Trístian Paúl López Azuara

Full Web-stack Developer

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Employment

Software Developer – Core Covers (2010 – Current)

Web Developer	Developed Web Applications (Front-end and Back-end). Reduced friction for customers to place orders. Applications *kept the number of required employees to process orders at 3.*
Interaction Designer	Created usable applications that maximized employee output. Streamlined usability of some existing applications. *Reducing the complexity and time required for common employee tasks.*
Information Architect	Organize, collect and categorize the information across departments. Proposed and implemented systems that managed and consumed such information. Automated and reduced cost of manufacturing operations eliminating duplicated information.
Database Administrator	Designed and maintained relational databases. Cleaned and restored integrity of data. Optimized and normalized (3NF) the databases.
Server Administrator	Installed, configured and managed DNS, Web and Database servers and LAN shares.

Skills

Languages	English: Fluent (can communicate technical ideas), Spanish: First language		
Programming Languages	3 Years: Java, *Javascript*, HTML, CSS, SQL (MySQL Dialect), Bash. 1.5 Years: Python, LaTeX. 1 Year: PHP, C. < 1 year: C#, Racket	Technologies	Git, CVS, ftppure, Nginx, Apache 2, Apache Tomcat 7, Roundup Issue Tracker, MoinMoin Wiki, Linux Mint, Ubuntu(Server and Desktop), Debian , Windows OS' (95 − 7) Mac OS Lion
Frameworks	*jQuery*, Java Servlets, Tryton ERP		

Relevant Projects

Web Application: PHP, Javascript, jQuery, CSS, HTML, MySQL: A web application in which customers placed orders that were then validated and processed by customer service. After the order was valid it was downloaded into the production system.
Incorporating all of the functionality (and adding more) contained in the projects mentioned below. It also supports shipping processes and order progress tracking for the customers and email notifications.

Web API: Java Servlets, HTML, JSON: A web service API that exposes the information contained in the local manufacturing system. It queries an MS Access database using a custom built C# client. It produces output in the JSON format.

Web Application: Java Servlets, Javascript, jQuery, CSS, HTML, MySQL: A web application that allowed customers to place orders customer service would then validated by customer service. After the order was valid it was downloaded into the production system.

Web Application: Java Servlets, Javascript, jQuery, CSS, HTML, MySQL: A web application in which the customer placed warranty claims (provided information included: purchase order, product pictures, product information). The claim was later verified by customer service, afterwards the claim would be approved or denied by business owners as it implied an order remake without charge.

Education

2008 – Present	**Computer Engineering**, *Universidad Autonoma de Baja California*, Tijuana. Algorithms; Object Oriented Programming; Interaction Design; Artificial Intelligence; Computer Architecture; Technical Documentation; Analysis and Design of Systems; CUDA Development (Parallel Programming) ;Databases; Operating Systems (Architecture and elements);
2005 – 2008	**Computer Technician**, *Centro de Estudios Tecnológicos Industrial y de Servicios Número 58*, Tijuana.